

Appl. No. 09/964,678; Group Art Unit: 1633
Dkt. No. 0609.4370002/RWE/FRC; Batch No.: N/A
Inventors: de la Monte *et al.*; Tel: 202/371-2600
Title: Transgenic Animals and Cell Lines for Screening Drugs
Effective for the Treatment or Prevention of Alzheimer's etc.

202210-92949550

1 tttttttttttgag ATG GAG TTT TCG CTC TTG TTG CCC AGG CTG GAG TGC AAT GGC GCA ATC 62
1 M E F S L L L L P R L E C N C A I 16

63 TCA GCT CAC CGC AAC CTC CGC CTC CGG GGT TCA AGC GAT TCT CCT GCC TCA GCC TCC CCA 122
17 S A H R N L R L P G S S D S P A S A S P 36

123 GTA GCT GGG ATT ACA GGC ATG TGC ACC CAC GCT CGG CTA ATT TTG TAT TTT TTT TTA GTA 182
37 V A G I T G M C T H A R L I L Y F F L V 56

183 GAG ATG GAG TTT CTC CAT GTT GGT CAG GCT GGT CTC GAA CTC CCG ACC TCA GAT GAT CCC 242
57 E M E F L H V G Q A G L E L P T S D D P 76

243 TCC GTC TCG GCC TCC CAA AGT GCT AGA TAC AGG ACT GGC CAC CAT GGC CGG CTC TGC CTG 302
77 S V S A S Q S A R Y R T G H A R L C L 96

303 GCT AAT TTT TGT GGT AGA AAC AGG GTT TCA CTG ATG TGC CCA AGC TGG TCT CCT GAG CTC 362
97 A N F C G R N R V S L M C P S W S P E L 116

363 AAG CAG TCC ACC TGC CTC AGC CTC CCA AAG TGC TGG GAT TAC AGG CGT GCA GCC GTG CCT 422
117 K Q S T C L S L P K C W D Y R R A A V P 136

423 GGC CTT TTT ATT TTA TTT TTT TTA AGA CAC AGG TGT CCC ACT CTT ACC CAG CAT GAA GTG 482
137 G L F I L F F L R H R C P T L T Q D E V 156

FIG. 1A

483	CAG	IGG	TGT	GAT	CAC	AGC	TCA	CTG	CAG	CCT	TCA	ACT	CCT	GAG	ATC	AAG	CAT	CCT	CCT	CCC	542
157	Q	W	C	D	H	S	S	L	Q	P	S	T	P	E	I	K	H	P	P	A	176
543	TCA	GCC	ICC	CAA	GTA	GCT	GGG	ACC	AAA	GAC	ATG	CAC	CAC	TAC	ACC	TGG	CIA	ATT	TTT	ATT	602
177	S	A	S	Q	V	A	G	T	K	D	M	H	H	Y	T	W	L	I	F	I	196
603	TTT	ATT	TTT	AAT	TTT	TIG	AGA	CAG	AGT	CTC	AAC	TCT	GTC	ACC	CAG	GCT	GGA	GTG	CAG	TGG	662
197	F	I	F	N	F	L	R	Q	S	L	N	S	V	T	Q	A	G	V	Q	W	216
663	CGC	AAT	CTT	GGC	TCA	CTG	CAA	CCT	CIG	CCT	CCC	GGG	TTC	AAG	TTA	TTC	ICC	TGC	CCC	AGC	722
217	R	N	L	G	S	L	Q	P	L	P	P	G	F	K	L	F	S	C	P	S	236
723	CTC	CTG	AGT	AGC	TGG	GAC	TAC	AGG	CGC	CCA	CCA	CGC	CIA	GCT	AAT	TTT	TTT	GTA	TTT	TTA	782
237	L	L	S	S	W	D	Y	R	R	P	P	R	L	A	N	F	F	V	F	L	256
783	GTA	GAG	ATG	GGG	TTC	ACC	ATG	TTC	GGC	AGG	TTC	ATC	TTC	ATC	TCT	GGA	CCT	TGT	GAT	CIG	842
257	V	E	M	G	F	T	M	F	A	R	L	I	L	I	S	G	P	C	D	L	276
843	CCT	CCC	TCC	CAA	AGT	GCT	GGG	ATT	ACA	GGC	GTG	AGC	CAC	CAC	CCC	CGG	CTT	ATT			902
277	P	A	S	A	S	Q	S	A	G	I	T	G	V	S	H	A	R	L	I		296
903	TTT	AAT	TTT	TGT	TIG	TTT	GAA	ATG	GAA	TCT	CAC	TCT	GTT	ACC	CAG	GCT	GGA	GTG	CAA	TGG	962
297	F	N	F	C	L	F	E	M	E	S	H	S	V	T	Q	A	G	V	Q	W	316

FIG. 1B

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963 CCA AAT CTC GGC TCA CTG CAA CCT CTG CCC GGG CTC AAG CGA TTC ICC TGT CTC AGC 1022
 317 P N L G S L Q P L P P G L K R F S C L S 336

1023 CTC CCA AGC AGC TGG GAT TAC GGG CAC CTG CCA CCA CAC CCC GCT AAT TTT TGT ATT TTC 1082
 337 L P S S W D Y G H L P P H P A N F C I F 356

1083 ATT AGA GGC GGT TCA CCA TAT TTG TCA GGC TGG TCT CAA ACT CCT GAC CTC AGG tgac 1143
 357 I R G G V S P Y L S G W S Q T P D L R 375

1144 ccacctgcctcagccctccaaagtgcctgggattacaggcgtgagccacctcaccagccggttaatttagataaaaaaat 1223

1224 atgtagcaatgggggtcttgctatgtgtgccaggtggtctcaaaacttctgtggttcattgcaatccttccaaatgagcca 1303

1304 caacacccagccagtcacattttttaaacagttacatcttttatttagtatactagaaagtaatacaataaacatgtcaa 1383

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FIG. 1C

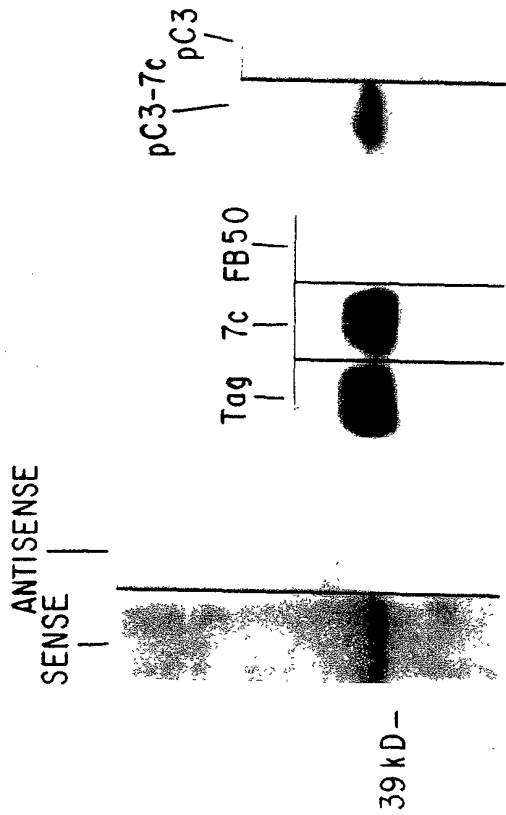


FIG.2A FIG.2B FIG.2C

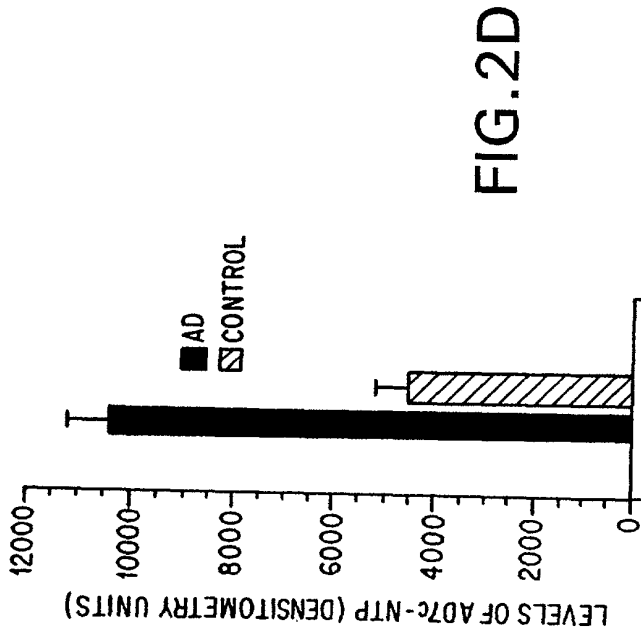


FIG.2D

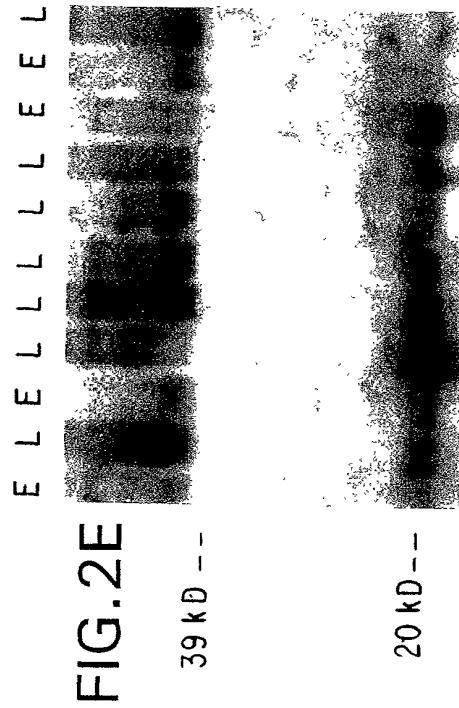
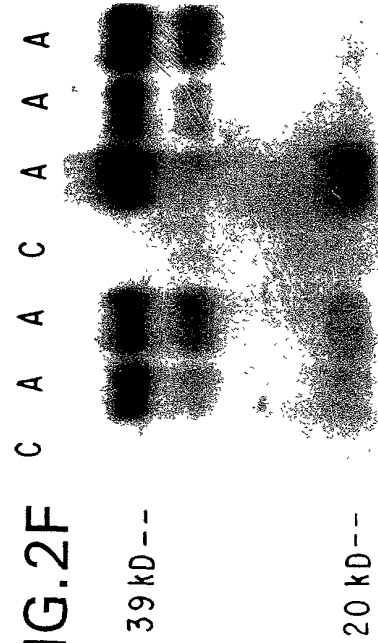


FIG.2E

FIG.2F



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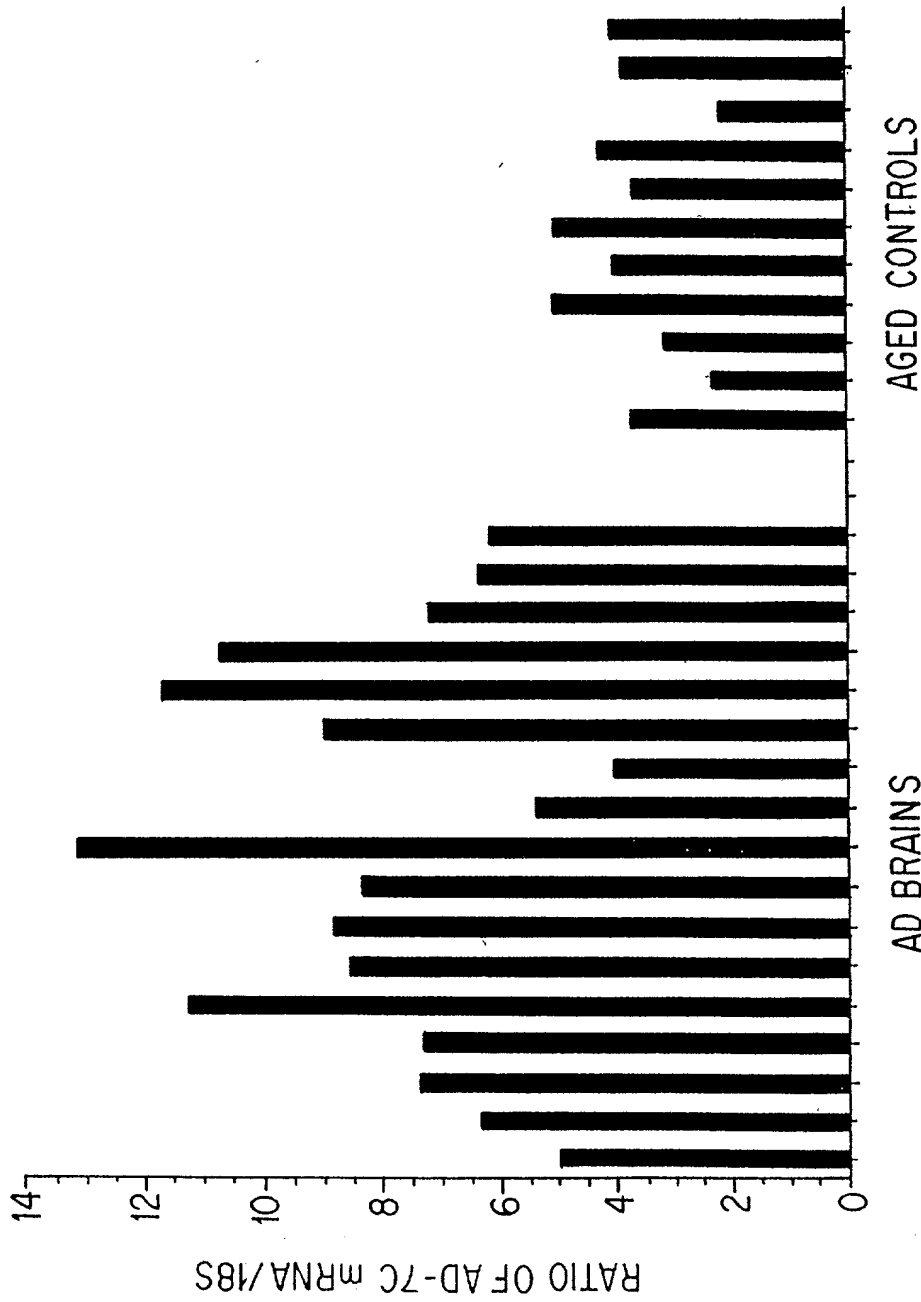


FIG. 3A

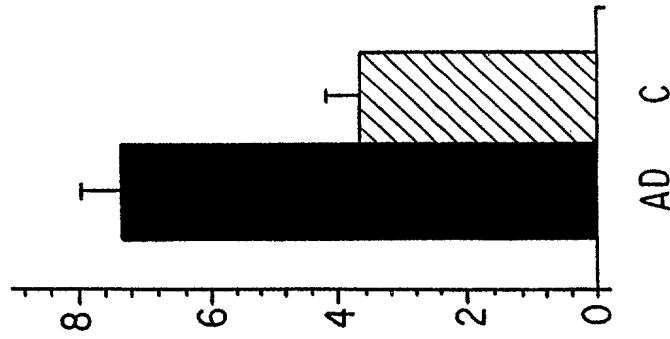


FIG. 3B

FIG. 3F

Appl. No. 09/964,678; Group Art Unit: 1633

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FIG. 4A

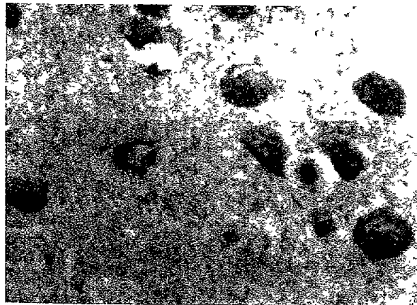


FIG. 4B

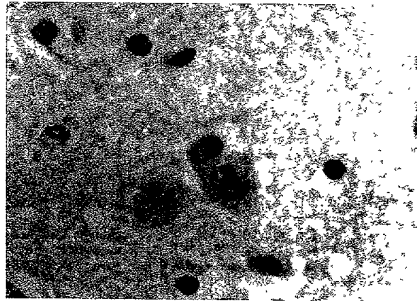


FIG. 4C

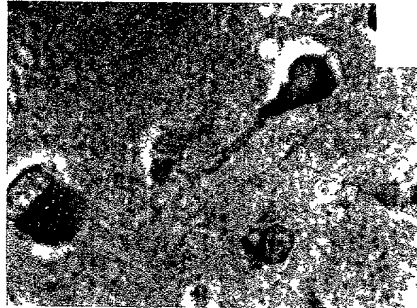


FIG. 4D

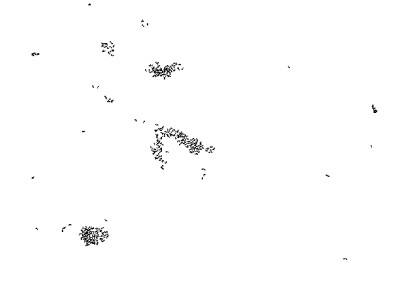


FIG. 4E

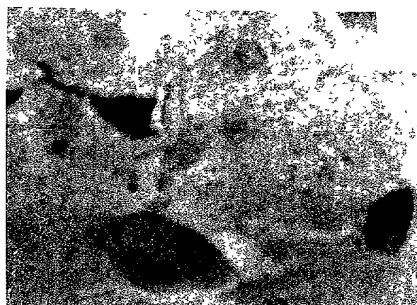


FIG. 4F

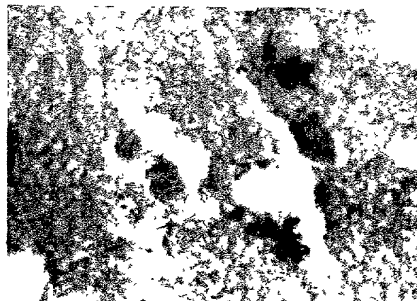


FIG. 4G

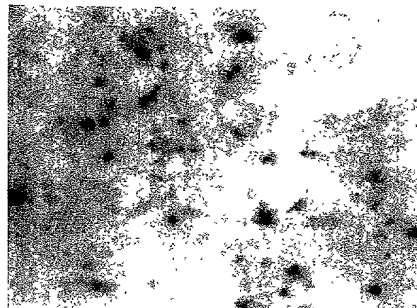
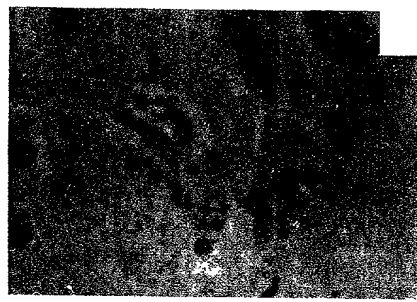


FIG. 4H



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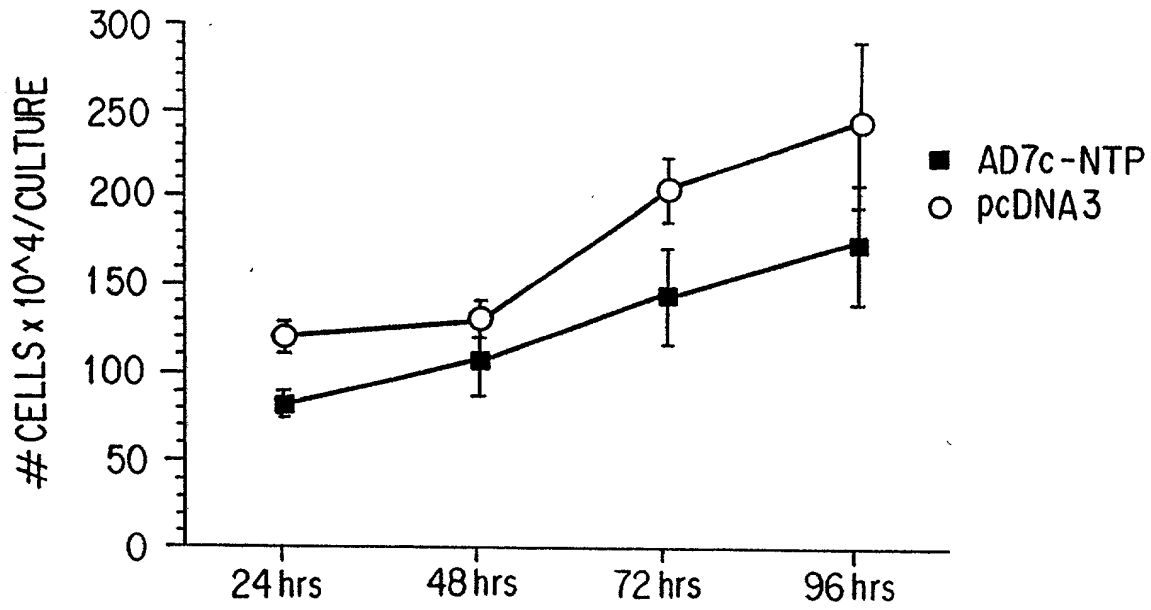


FIG. 5A

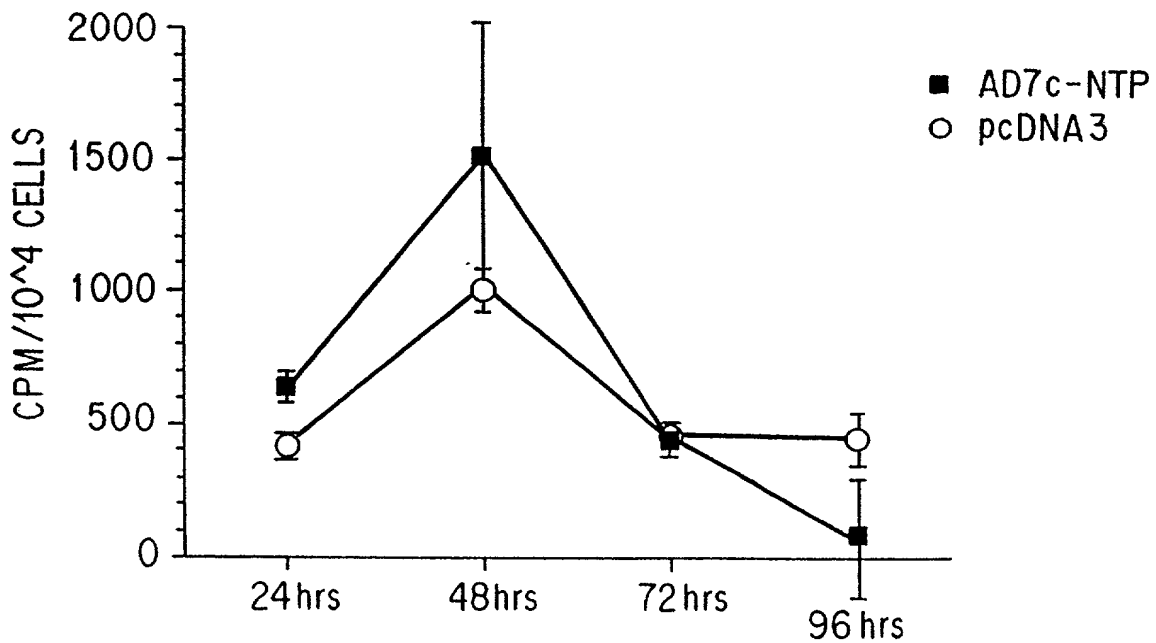


FIG. 5B

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FIG. 6A

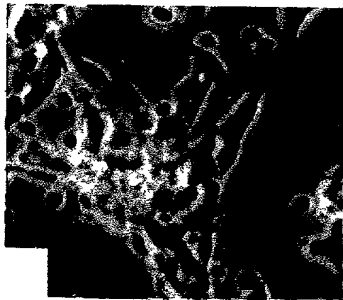


FIG. 6B



FIG. 6F



FIG. 6G

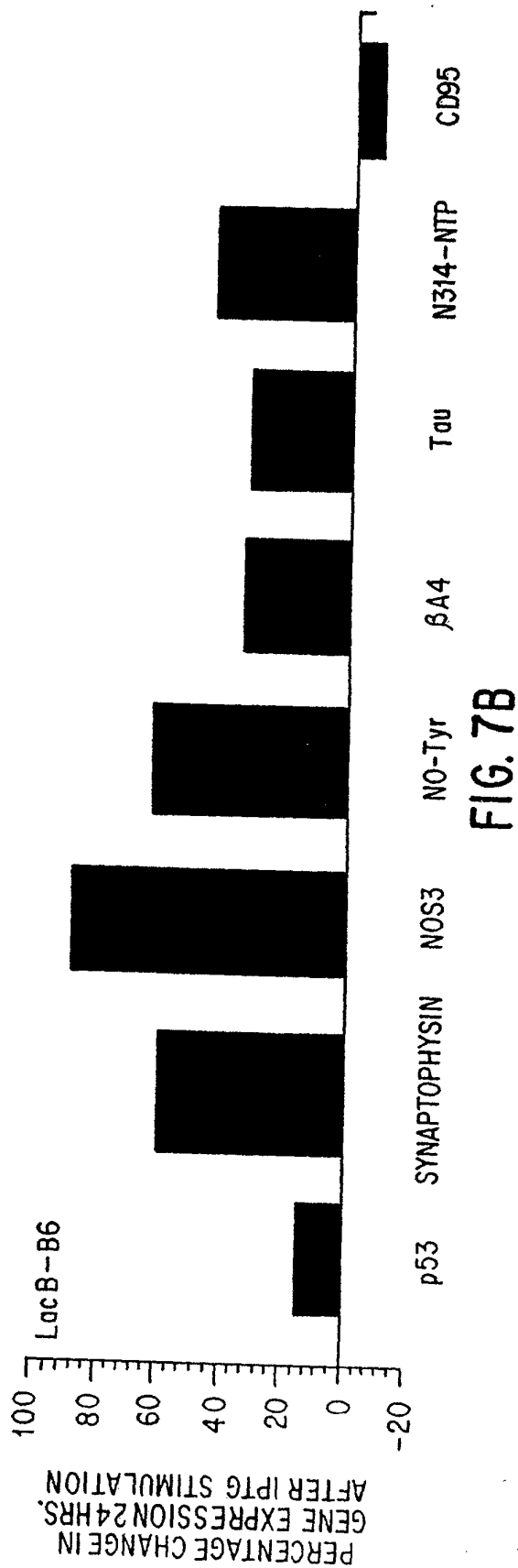
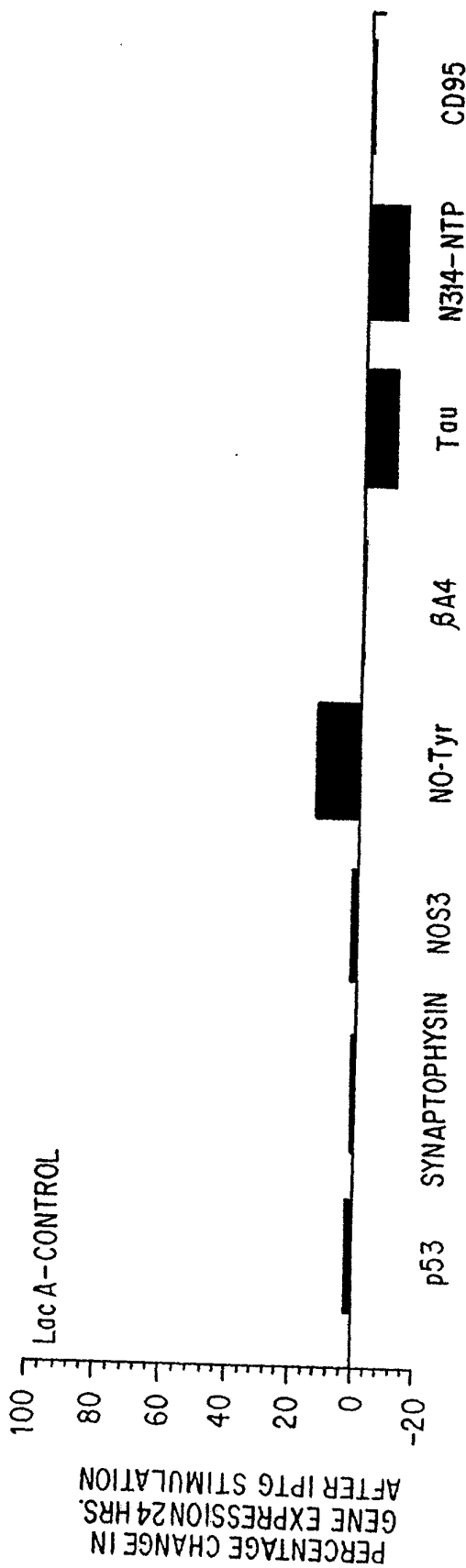


FIG. 6C

FIG. 6D

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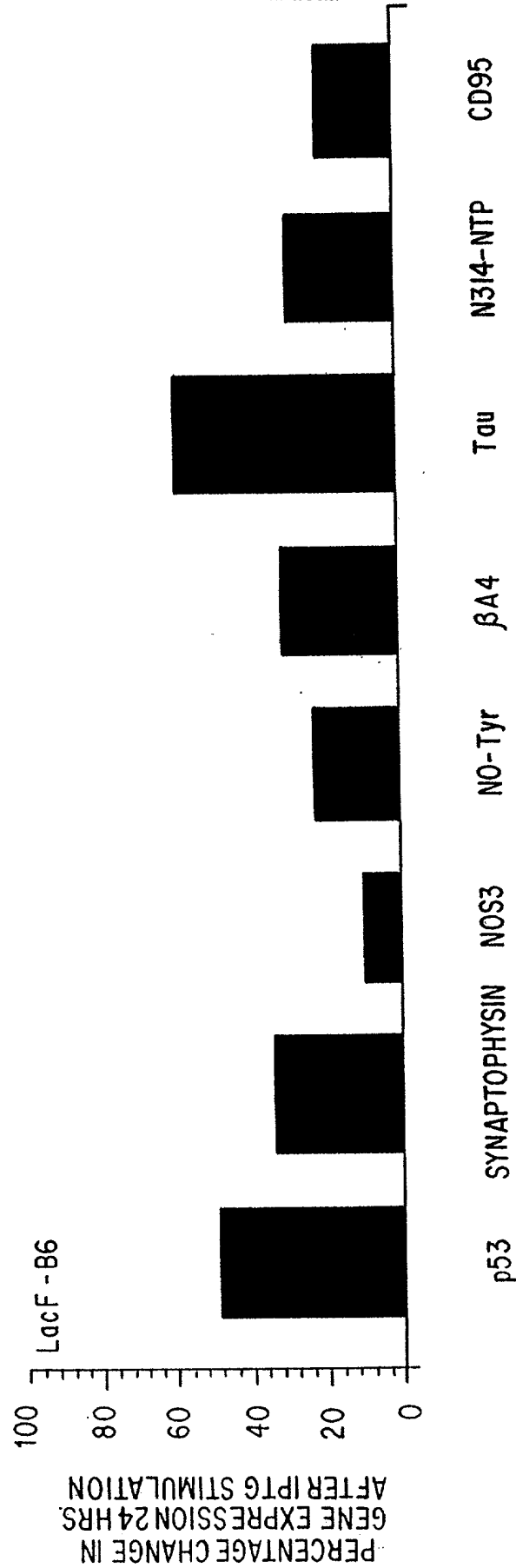


FIG. 7C

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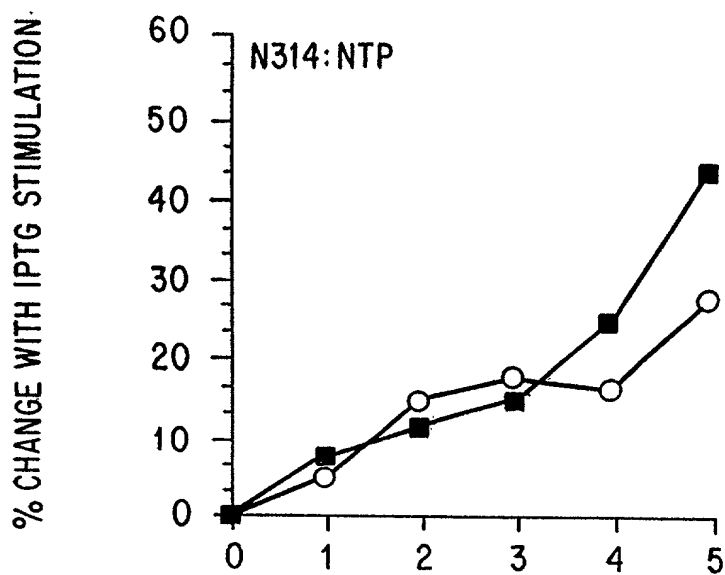


FIG. 8A

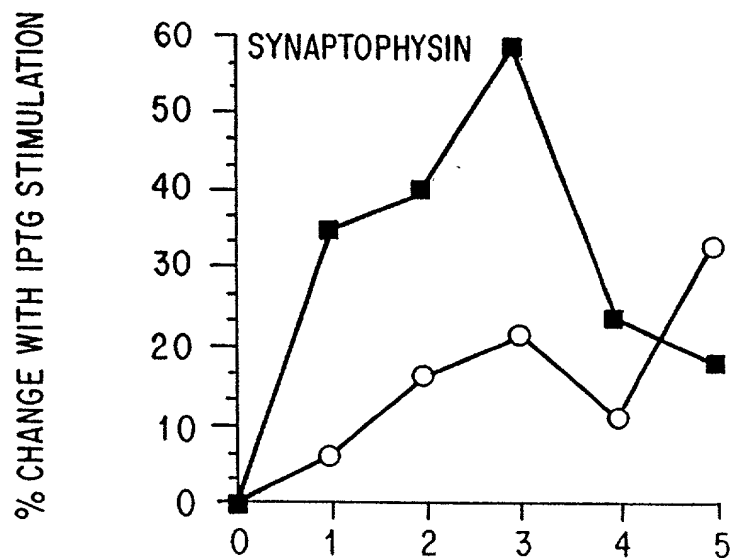


FIG. 8B

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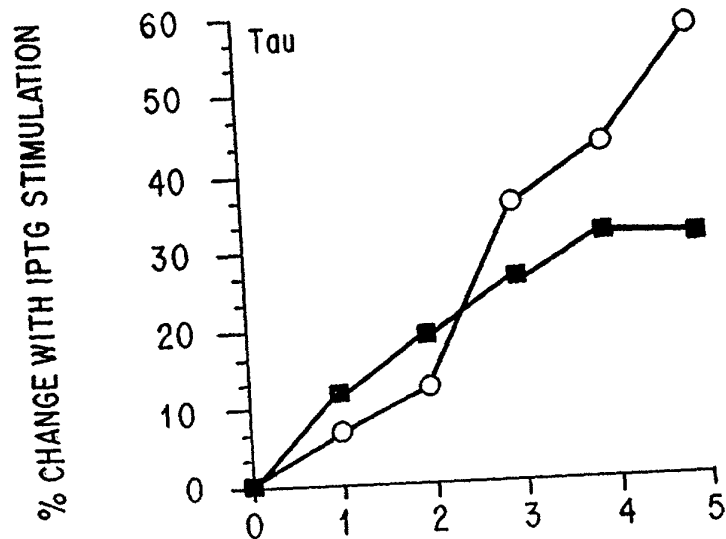


FIG. 8C

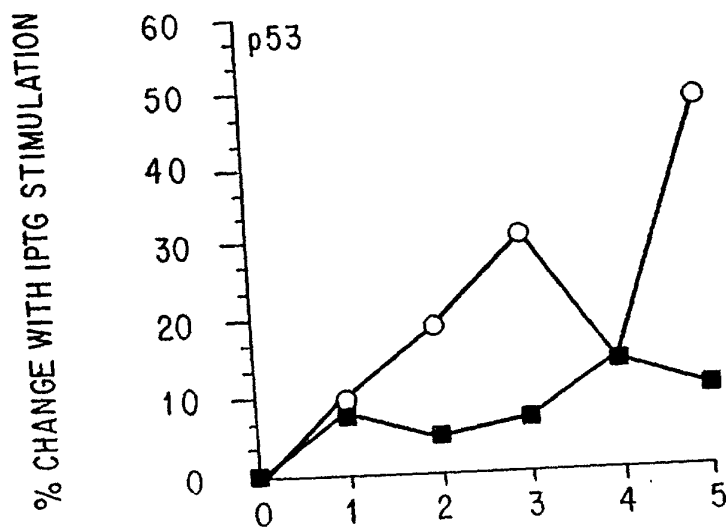


FIG. 8D

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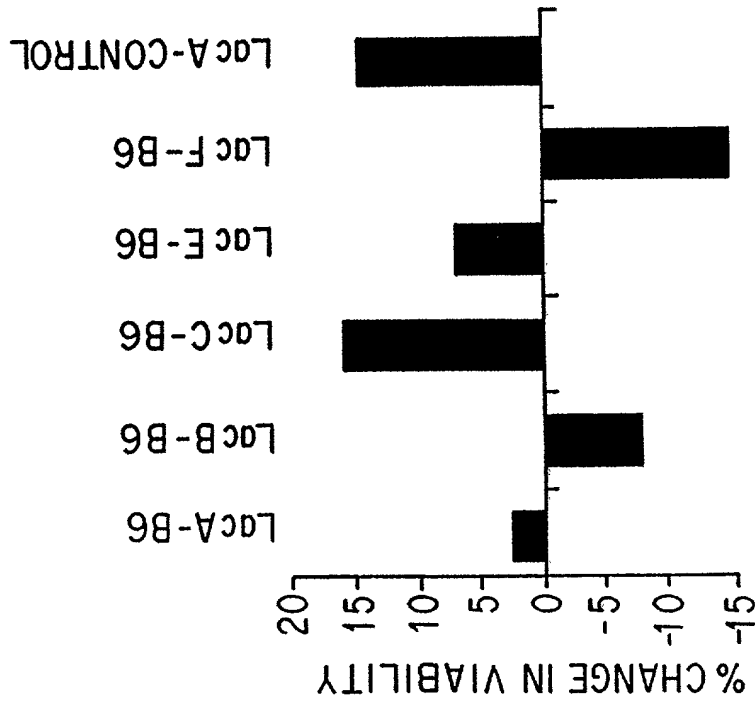


FIG. 9B

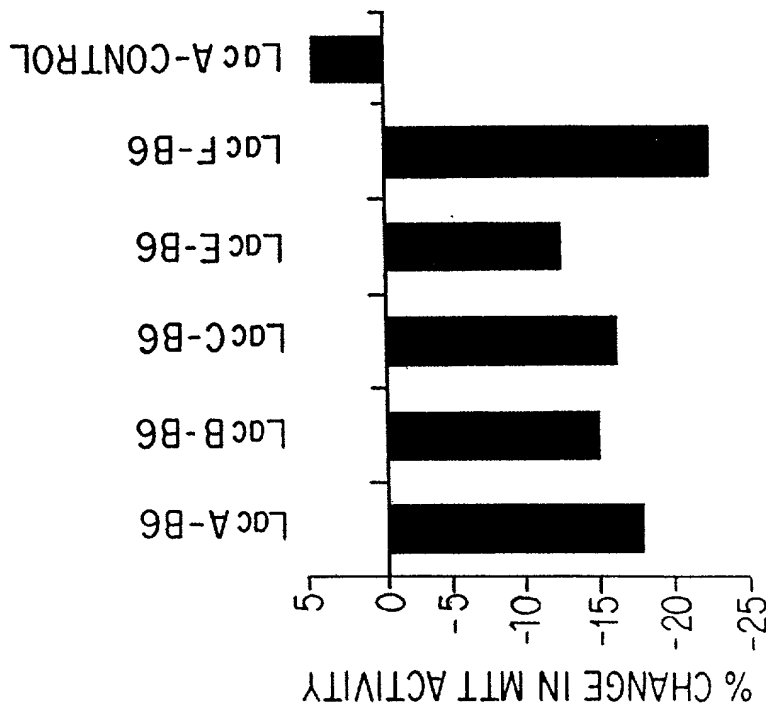


FIG. 9A

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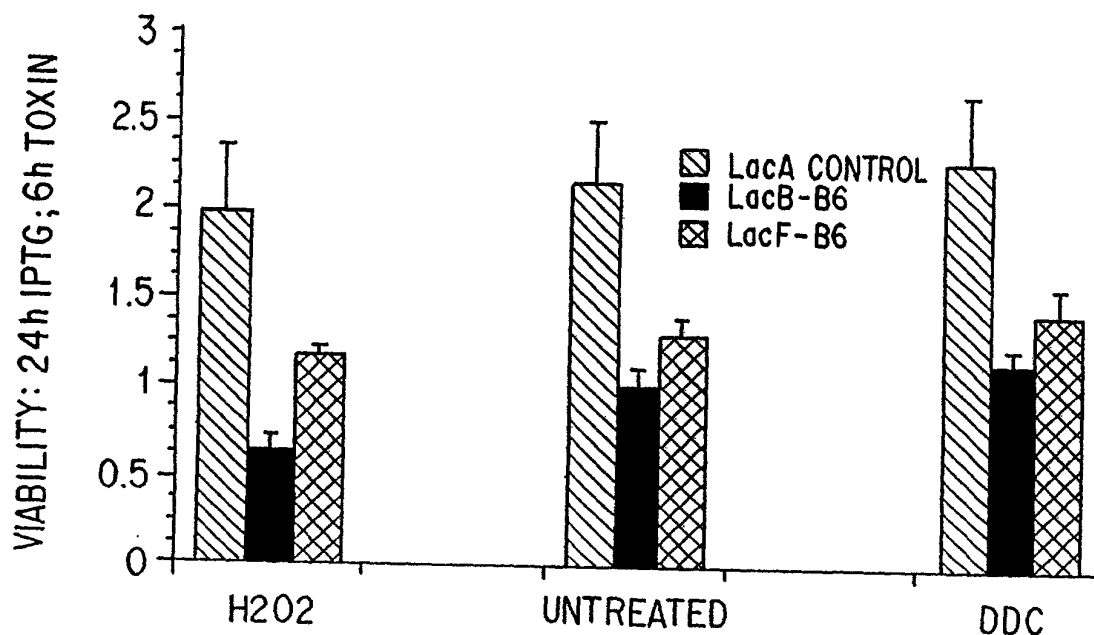


FIG. 10A

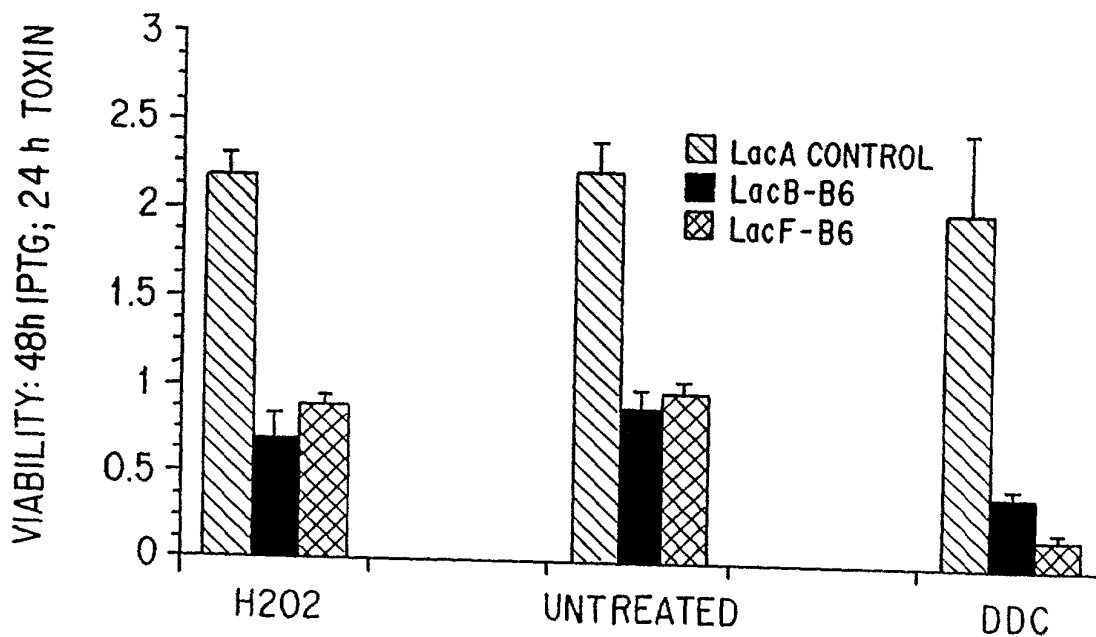


FIG. 10B

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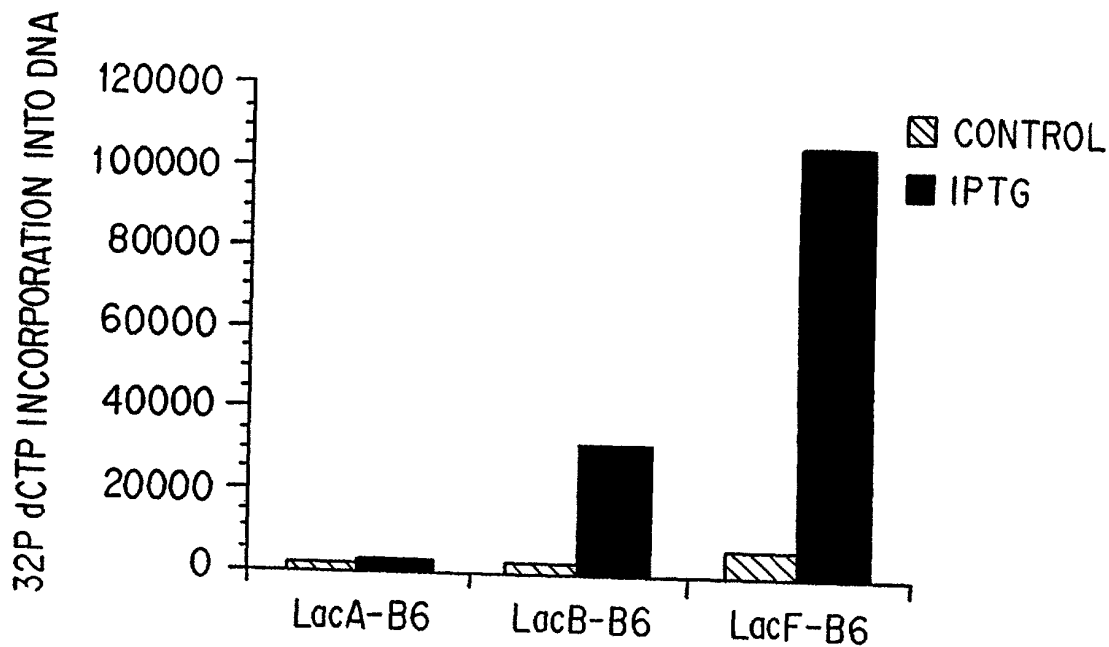


FIG. 11

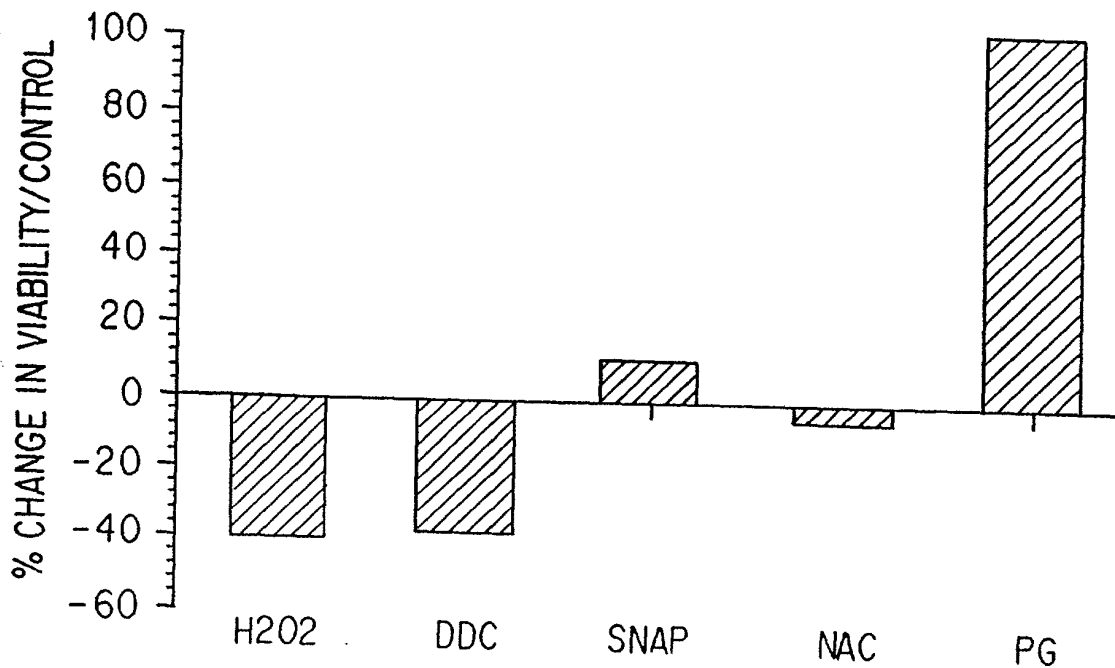


FIG. 12